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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/749,873

DATE: 12/20/2001  
TIME: 11:27:50

Input Set : N:\Crf3\RULE60\09749873.txt  
Output Set: N:\CRF3\12202001\I749873.raw

SEQUENCE LISTING

ENTERED

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: OHTOMO, Toshihiko  
7 SATO, Koh  
8 TSUCHIYA, Masayuki

10 (ii) TITLE OF INVENTION: RESHAPED HUMAN ANTIBODY TO HUMAN  
11 MEDULLOBLASTOMA CELLS

13 (iii) NUMBER OF SEQUENCES: 132

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Foley & Lardner  
17 (B) STREET: 3000 K Street, N.W., Suite 500  
18 (C) CITY: Washington  
19 (D) STATE: D.C.  
20 (E) COUNTRY: USA  
21 (F) ZIP: 20007-5109

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk  
25 (B) COMPUTER: IBM PC compatible  
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/09/749,873  
C--> 31 (B) FILING DATE: 29-Dec-2000

32 (C) CLASSIFICATION:

38 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: 08/646,265  
36 (B) FILING DATE: 1996-09-09  
39 (A) APPLICATION NUMBER: JP 5-291078  
40 (B) FILING DATE: 19-NOV-1993

42 (viii) ATTORNEY/AGENT INFORMATION:

43 (A) NAME: WEGNER, Harold C.  
44 (B) REGISTRATION NUMBER: 25,258  
45 (C) REFERENCE/DOCKET NUMBER: 53466/184

47 (ix) TELECOMMUNICATION INFORMATION:

48 (A) TELEPHONE: (202)672-5300  
49 (B) TELEFAX: (202)672-5399  
50 (C) TELEX: 904136

53 (2) INFORMATION FOR SEQ ID NO: 1:

55 (i) SEQUENCE CHARACTERISTICS:

56 (A) LENGTH: 40 base pairs  
57 (B) TYPE: nucleic acid  
58 (C) STRANDEDNESS: single  
59 (D) TOPOLOGY: linear

65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

67 ACTAGTCGAC ATGAAGTTGC CTGTTAGGCT GTTGGTGCTG

40

69 (2) INFORMATION FOR SEQ ID NO: 2:

71 (i) SEQUENCE CHARACTERISTICS:

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72 (A) LENGTH: 39 base pairs  
 73 (B) TYPE: nucleic acid  
 74 (C) STRANDEDNESS: single  
 75 (D) TOPOLOGY: linear  
 81 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
 83 ACTAGTCGAC ATGGAGWCAG ACACACTCCT GYTATGGGT 39  
 85 (2) INFORMATION FOR SEQ ID NO: 3:  
 87 (i) SEQUENCE CHARACTERISTICS:  
 88 (A) LENGTH: 40 base pairs  
 89 (B) TYPE: nucleic acid  
 90 (C) STRANDEDNESS: single  
 91 (D) TOPOLOGY: linear  
 97 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
 99 ACTAGTCGAC ATGAGTGTGC TCACTCAGGT CCTGGSGTTG 40  
 101 (2) INFORMATION FOR SEQ ID NO: 4:  
 103 (i) SEQUENCE CHARACTERISTICS:  
 104 (A) LENGTH: 43 base pairs  
 105 (B) TYPE: nucleic acid  
 106 (C) STRANDEDNESS: single  
 107 (D) TOPOLOGY: linear  
 113 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
 115 ACTAGTCGAC ATGAGGRCCC CTGCTCAGWT TYTTGGMWTC TTG 43  
 117 (2) INFORMATION FOR SEQ ID NO: 5:  
 119 (i) SEQUENCE CHARACTERISTICS:  
 120 (A) LENGTH: 40 base pairs  
 121 (B) TYPE: nucleic acid  
 122 (C) STRANDEDNESS: single  
 123 (D) TOPOLOGY: linear  
 129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
 131 ACTAGTCGAC ATGGATTWC AGGTGCAGAT TWTCAAGCTTC 40  
 133 (2) INFORMATION FOR SEQ ID NO: 6:  
 135 (i) SEQUENCE CHARACTERISTICS:  
 136 (A) LENGTH: 37 base pairs  
 137 (B) TYPE: nucleic acid  
 138 (C) STRANDEDNESS: single  
 139 (D) TOPOLOGY: linear  
 145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
 147 ACTAGTCGAC ATGAGGCKY YTGYTSAGYT YCTGRGG 37  
 149 (2) INFORMATION FOR SEQ ID NO: 7:  
 151 (i) SEQUENCE CHARACTERISTICS:  
 152 (A) LENGTH: 41 base pairs  
 153 (B) TYPE: nucleic acid  
 154 (C) STRANDEDNESS: single  
 155 (D) TOPOLOGY: linear  
 161 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:  
 163 ACTAGTCGAC ATGGGCWTCA AGATGGAGTC ACAKWYYCWG G 41  
 165 (2) INFORMATION FOR SEQ ID NO: 8:  
 167 (i) SEQUENCE CHARACTERISTICS:  
 168 (A) LENGTH: 41 base pairs

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169 (B) TYPE: nucleic acid  
 170 (C) STRANDEDNESS: single  
 171 (D) TOPOLOGY: linear  
 177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8: 41  
 179 ACTAGTCGAC ATGTGGGGAY CTKTTTYCMM TTTTCAATT G  
 181 (2) INFORMATION FOR SEQ ID NO: 9:  
 183 (i) SEQUENCE CHARACTERISTICS:  
 184 (A) LENGTH: 35 base pairs  
 185 (B) TYPE: nucleic acid  
 186 (C) STRANDEDNESS: single  
 187 (D) TOPOLOGY: linear  
 193 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9: 35  
 195 ACTAGTCGAC ATGGRTCCW CASCTCAGTT CCTTG  
 197 (2) INFORMATION FOR SEQ ID NO: 10:  
 199 (i) SEQUENCE CHARACTERISTICS:  
 200 (A) LENGTH: 37 base pairs  
 201 (B) TYPE: nucleic acid  
 202 (C) STRANDEDNESS: single  
 203 (D) TOPOLOGY: linear  
 209 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10: 37  
 211 ACTAGTCGAC ATGTATATAT GTTTGTTGTC TATTCT  
 213 (2) INFORMATION FOR SEQ ID NO: 11:  
 215 (i) SEQUENCE CHARACTERISTICS:  
 216 (A) LENGTH: 38 base pairs  
 217 (B) TYPE: nucleic acid  
 218 (C) STRANDEDNESS: single  
 219 (D) TOPOLOGY: linear  
 225 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11: 38  
 227 ACTAGTCGAC ATGGAAGCCC CAGCTCAGCT TCTCTTCC  
 229 (2) INFORMATION FOR SEQ ID NO: 12:  
 231 (i) SEQUENCE CHARACTERISTICS:  
 232 (A) LENGTH: 27 base pairs  
 233 (B) TYPE: nucleic acid  
 234 (C) STRANDEDNESS: single  
 235 (D) TOPOLOGY: linear  
 241 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12: 27  
 243 GGATCCCGGG TGGATGGTGG GAAGATG  
 245 (2) INFORMATION FOR SEQ ID NO: 13:  
 247 (i) SEQUENCE CHARACTERISTICS:  
 248 (A) LENGTH: 37 base pairs  
 249 (B) TYPE: nucleic acid  
 250 (C) STRANDEDNESS: single  
 251 (D) TOPOLOGY: linear  
 257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13: 37  
 259 ACTAGTCGAC ATGAAATGCA GCTGGGTCA STTCCTTC  
 261 (2) INFORMATION FOR SEQ ID NO: 14:  
 263 (i) SEQUENCE CHARACTERISTICS:  
 264 (A) LENGTH: 36 base pairs  
 265 (B) TYPE: nucleic acid

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266 (C) STRANDEDNESS: single  
267 (D) TOPOLOGY: linear  
273 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:  
275 ACTAGTCGAC ATGGGATGGA GCTRTATCAT SYTCTT 36  
277 (2) INFORMATION FOR SEQ ID NO: 15:  
279 (i) SEQUENCE CHARACTERISTICS:  
280 (A) LENGTH: 37 base pairs  
281 (B) TYPE: nucleic acid  
282 (C) STRANDEDNESS: single  
283 (D) TOPOLOGY: linear  
289 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:  
291 ACTAGTCGAC ATGAAGWTGT GGTTAAACTG GGTTTT 37  
293 (2) INFORMATION FOR SEQ ID NO: 16:  
295 (i) SEQUENCE CHARACTERISTICS:  
296 (A) LENGTH: 35 base pairs  
297 (B) TYPE: nucleic acid  
298 (C) STRANDEDNESS: single  
299 (D) TOPOLOGY: linear  
305 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:  
307 ACTAGTCGAC ATGRACCTTG GGYTCAGCTT GRTTT 35  
309 (2) INFORMATION FOR SEQ ID NO: 17:  
311 (i) SEQUENCE CHARACTERISTICS:  
312 (A) LENGTH: 40 base pairs  
313 (B) TYPE: nucleic acid  
314 (C) STRANDEDNESS: single  
315 (D) TOPOLOGY: linear  
321 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:  
323 ACTAGTCGAC ATGGACTCCA GGCTCAATT AGTTTCCTT 40  
325 (2) INFORMATION FOR SEQ ID NO: 18:  
327 (i) SEQUENCE CHARACTERISTICS:  
328 (A) LENGTH: 37 base pairs  
329 (B) TYPE: nucleic acid  
330 (C) STRANDEDNESS: single  
331 (D) TOPOLOGY: linear  
337 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:  
339 ACTAGTCGAC ATGGCTGTCY TRGSGCTRCT CTTCTGC 37  
341 (2) INFORMATION FOR SEQ ID NO: 19:  
343 (i) SEQUENCE CHARACTERISTICS:  
344 (A) LENGTH: 36 base pairs  
345 (B) TYPE: nucleic acid  
346 (C) STRANDEDNESS: single  
347 (D) TOPOLOGY: linear  
353 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:  
355 ACTAGTCGAC ATGGRATGGA GCKGGRTCTT TMTCTT 36  
357 (2) INFORMATION FOR SEQ ID NO: 20:  
359 (i) SEQUENCE CHARACTERISTICS:  
360 (A) LENGTH: 33 base pairs  
361 (B) TYPE: nucleic acid  
362 (C) STRANDEDNESS: single

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363 (D) TOPOLOGY: linear  
369 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:  
371 ACTAGTCGAC ATGAGAGTGC TGATTCTTT GTG 33  
373 (2) INFORMATION FOR SEQ ID NO: 21:  
375 (i) SEQUENCE CHARACTERISTICS:  
376 (A) LENGTH: 40 base pairs  
377 (B) TYPE: nucleic acid  
378 (C) STRANDEDNESS: single  
379 (D) TOPOLOGY: linear  
385 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:  
387 ACTAGTCGAC ATGGMTGGG TGTGGAMCTT GCTATTCC 40  
389 (2) INFORMATION FOR SEQ ID NO: 22:  
391 (i) SEQUENCE CHARACTERISTICS:  
392 (A) LENGTH: 37 base pairs  
393 (B) TYPE: nucleic acid  
394 (C) STRANDEDNESS: single  
395 (D) TOPOLOGY: linear  
401 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:  
403 ACTAGTCGAC ATGGGCAGAC TTACATTCTC ATTCC 37  
405 (2) INFORMATION FOR SEQ ID NO: 23:  
407 (i) SEQUENCE CHARACTERISTICS:  
408 (A) LENGTH: 38 base pairs  
409 (B) TYPE: nucleic acid  
410 (C) STRANDEDNESS: single  
411 (D) TOPOLOGY: linear  
417 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:  
419 ACTAGTCGAC ATGGATTTC GGCTGATTG TTTTATTG 38  
421 (2) INFORMATION FOR SEQ ID NO: 24:  
423 (i) SEQUENCE CHARACTERISTICS:  
424 (A) LENGTH: 37 base pairs  
425 (B) TYPE: nucleic acid  
426 (C) STRANDEDNESS: single  
427 (D) TOPOLOGY: linear  
433 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:  
435 ACTAGTCGAC ATGATGGTGT TAAGTCTTCT GTACCTG 37  
437 (2) INFORMATION FOR SEQ ID NO: 25:  
439 (i) SEQUENCE CHARACTERISTICS:  
440 (A) LENGTH: 28 base pairs  
441 (B) TYPE: nucleic acid  
442 (C) STRANDEDNESS: single  
443 (D) TOPOLOGY: linear  
449 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:  
451 GGATCCCGGG CCAGTGGATA GACAGATG 28  
453 (2) INFORMATION FOR SEQ ID NO: 26:  
455 (i) SEQUENCE CHARACTERISTICS:  
456 (A) LENGTH: 382 base pairs  
457 (B) TYPE: nucleic acid  
458 (C) STRANDEDNESS: double  
459 (D) TOPOLOGY: linear

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/749,873

DATE: 12/20/2001

TIME: 11:27:51

Input Set : N:\Crf3\RULE60\09749873.txt

Output Set: N:\CRF3\12202001\I749873.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]